

INTERNATIONAL SEARCH REPORT

Internat.	Application No
PCT/EP	06227

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/53 C12N15/52 C12N9/02 C12N9/04 C12P19/62

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N C12P C07H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, STRAND, EMBL

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>APARICIO ET AL.: "The biosynthetic gene cluster for the 26-membered ring polyene macrolide pimaricin. A new polyketide synthase organization encoded by two subclusters separated by functionalization genes" <i>JOURNAL OF BIOLOGICAL CHEMISTRY</i>, vol. 274, no. 15, 9 April 1999 (1999-04-09), pages 10133-10139, XP002120719 page 10134, column 2; figure 2 page 10137, column 2</p> <p>---</p> <p>-/-</p>	1-13, 15-27

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

*Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

27 October 2000

Date of mailing of the international search report

08/11/2000

Name and mailing address of the ISA

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al Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 95 01098 A (MONSANTO CO) 12 January 1995 (1995-01-12) page 15, line 25 -page 16, line 29 page 16, line 15 - line 29 page 19, line 23 -page 24, line 31 seq id no 8 page 30 -page 32 table 3	1-6,12, 13,15, 17,20, 21,23-27
X	US 5 672 497 A (COX KAREN L ET AL) 30 September 1997 (1997-09-30) column 9, line 35 - line 64; figure 1; table 11	1-7,9, 10,12, 13, 15-17, 19-21, 23-27
A	WO 98 11230 A (SQUIBB BRISTOL MYERS CO) .19 March 1998 (1998-03-19) seq id no 22 page 25, line 9 -page 27, line 30; claims 1-27; table 1	1-27
P,X	BRAUTASET ET AL: "Biosynthesis of the polyene antifungal antibiotic nystatin in Streptomyces noursei ATCC 11455: analysis of the gene cluster and deduction of the biosynthetic pathway" CHEMISTRY AND BIOLOGY, vol. 7, no. 6, 23 May 2000 (2000-05-23), pages 395-403, XP000953274 nysL page 401 -page 402; figure 4; table 2 & DATABASE EMBL 'Online' EBI; ACC.NO.:AF263912, 25 May 2000 (2000-05-25) BRAUTASET ET AL.: "Streptomyces noursei ATCC 11455 nystatin biosynthetic gene cluster, complete sequence" XP002151299 nysL abstract	1-6,12, 13,24-27

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Int'l Application No

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WO 9811230	A	19-03-1998	NONE	